Amendments to the Claims

Claim 1 (previously presented):   A method of copy-protecting a digital audio-visual signal, comprising the steps of:

(a) encoding the digital audio-visual signal to obtain an encoded signal;

(b) converting the encoded signal into a copy protected signal using a copy protection function that utilizes a copy protection data signal to prevent using the digital audio-visual signal without access to the copy protection data signal;

(c) scrambling the copy protected signal to obtain a scrambled signal; and

(d) transmitting the scrambled signal and said copy protection data signal to a receiver for subsequent recovery of said digital audio-visual signal.

Claim 2 (canceled)

Claim 3 (previously presented):   The method of claim 1, wherein the step of transmitting comprises the step of transmitting the scrambled signal and said copy protection data signal as a single signal to the receiver.

Claim 4 (previously presented):   The method of claim 3, wherein the step of transmitting further comprises combining the scrambled signal and said copy protection data signal into said single signal.

Claim 5 (previously presented):   The method of claim 3, further comprising the steps of:

(a) receiving said single signal in a receiver;

(b) removing said copy protection data signal from the single signal, and storing copy protection data represented by the copy protection data signal in a memory device;

(c) recovering said scrambled signal from the single signal;

(d) descrambling the recovered scrambled signal to regain said copy protected signal;

(e) reconverting the regained copy protected signal back into said encoded signal using an inverse copy protection function, wherein the inverse function utilizes said stored copy protection data; and

(f) decoding the encoded signal to recover said digital audio-visual signal.

Claim 6 (previously presented):   The method of claim 1, further comprising the steps of:

(a) descrambling the scrambled signal to recover said copy protected signal;

(b) reconverting the recovered copy protected signal back into said encoded signal using an inverse copy protection function, wherein the inverse function utilizes the copy protection data from said copy protection data signal; and

(c) decoding the converted encoded signal to recover said digital audio-visual signal.

Patent Application No. 09/226,577
Amdt. Dated July 22, 2008
Response to Office Action of June 23, 2008

Docket No. SAM1.PAU.58

Claim 7 (previously presented):   A method of recovering an audio-visual signal from a digital signal including a scrambled signal and a copy protection data signal representing copy protection data, comprising the steps of:

(a) extracting said data signal from the digital signal;

(b) storing the copy protection data from said copy protection data signal in a memory device;

(c) extracting the scrambled signal from the digital signal;

(d) descrambling the scrambled signal to recover a copy protected signal;

(e) reconverting the copy protected signal into an encoded signal using an inverse copy protection function, wherein the inverse function utilizes said stored copy protection data; and

(f) decoding the encoded signal to recover said audio-visual signal,

wherein the copy protected signal prevents use of the audio-visual signal without access to the copy protection data.

Claim 8 (previously presented):   A system for copy-protecting a digital audio-visual signal, comprising:

(a) an encoder to encode the digital audio-visual signal to obtain an encoded signal;

(b) a converter to convert the encoded signal into a copy protected signal using a copy protection function that utilizes a copy protection data signal representing copy protection data to prevent using the digital audio-visual signal without access to the copy protection data;

Patent Application No. 09/226,577
Amdt. Dated July 22, 2008
Response to Office Action of June 23, 2008

Docket No. SAM1.PAU.58

(c) a scrambler for scrambling the copy protected signal into a scrambled signal; and

(d) a transmitter for transmitting the scrambled signal and the copy protection data signal to a receiver for subsequent recovery of said digital audio-visual signal.

Claim 9 (canceled)

Claim 10 (previously presented):   The system of claim 8, further comprising a combiner for combining the scrambled signal and said data signal into said single signal, wherein the transmitter transmits said single signal to the receiver.

Claim 11 (previously presented):   The system of claim 8, wherein the transmitter transmits the scrambled signal and said copy protection data signal as a single signal to the receiver.

Claim 12 (previously presented):   The system of claim 11, further comprising:

(a) a receiver for receiving said single signal in a receiver;

(b) a processor for: (1) removing said copy protection data signal from the single signal, and storing the copy protection data in a memory device, and (2) recovering said scrambled signal from the single signal;

(c) a descrambler for descrambling the recovered scrambled signal to regain said copy protected signal;

(d) a reconverter for converting the regained copy protected signal back into said encoded signal using an inverse copy protection function, wherein the inverse function utilizes said stored copy protection data; and

(e) a decoder for decoding the encoded signal to recover said digital audio-visual signal.

Claim 13 (previously presented):   The system of claim 8, further comprising:

(a) a descrambler for descrambling the scrambled signal to recover said copy protected signal;

(b) a reconverter for converting the recovered copy protected signal back into said encoded signal using an inverse copy protection function, wherein the inverse function utilizes the copy protection data; and

(c) a decoder for decoding the converted encoded signal to recover said digital audio-visual signal.

Claim 14 (previously presented):   A system for recovering an audio-visual signal from a digital signal including a scrambled signal and a copy protection data signal representing copy protection data, the system comprising:

(a) a processor for: (1) removing said copy protection data signal from the digital signal, and storing the copy protection data in a memory device, and (2) recovering said scrambled signal from the digital signal;

(b) a descrambler for descrambling the recovered scrambled signal to recover a copy protected signal;

(c) a reconverter for converting the recovered copy protected signal back into said

encoded signal using an inverse copy protection function, wherein the inverse function

utilizes said stored copy protection data; and

(d) a decoder for decoding the encoded signal to recover said audio-visual signal,

wherein the copy protected signal prevents use of the audio-visual signal without

access to the copy protection data.

Claims 15–43 (canceled)

Claim 44 (previously presented):   The method of claim 1, wherein the copy

protected signal cannot be usably viewed, displayed, copied or recorded without access to

the copy protection data.

Claim 45 (previously presented):   The method of claim 7, wherein the copy

protected signal cannot be usably viewed, displayed, copied or recorded without access to

the copy protection data.

Claim 46 (previously presented):   The system of claim 8, wherein the copy

protected signal cannot be usably viewed, displayed, copied or recorded without access to

the copy protection data.

Claim 47 (previously presented):   The system of claim 14, wherein the copy protected signal cannot be usably viewed, displayed, copied or recorded without access to the copy protection data.